

WHAT IS CLAIMED IS:

1. A colored composition for producing a black matrix, containing metal microparticles.
2. A colored composition for producing a black matrix according to claim 1, comprising a light-shielding layer, wherein an optical density per μm of thickness of the light-shielding layer is no less than 1.
3. A colored composition for producing a black matrix according to claim 1, wherein the metal microparticles are silver microparticles having an average particle diameter of 60 to 250 nm.
4. A colored composition for producing a black matrix according to claim 1, wherein the composition is photosensitive.
5. A photosensitive transfer material for producing a black matrix, comprising a support and a photosensitive light-shielding layer,
wherein the photosensitive light-shielding layer is made of said colored composition for producing a black matrix according to claim 4.
6. A black matrix comprising a light-shielding layer, the light-shielding layer being made of said colored composition for producing a black matrix according to claim 1.

7. A black matrix comprising a light-shielding layer, the light-shielding layer being made of said photosensitive transfer material for producing a black matrix according to claim 5.

8. A color filter comprising two or more groups of pixels on a light-transmitting substrate, the groups of pixels comprising colored layers and having different colors from each other, the pixels being separated from each other by a black matrix,

wherein the black matrix is said black matrix according to claim 6.

9. A color filter comprising two or more groups of pixels on a light-transmitting substrate, the groups of pixels comprising colored layers and having different colors from each other, the pixels being separated from each other by a black matrix,

wherein the black matrix is said black matrix according to claim 7.

10. A liquid crystal display comprising a color filter, a liquid crystal layer, and a liquid crystal driving means between a pair of substrates, at least one of the substrates having a light-transmitting property,

wherein the color filter is said color filter according to claim 8.

11. A liquid crystal display comprising a color filter, a liquid crystal layer, and a liquid crystal driving means between a pair of substrates, at least one of the substrates having a light-transmitting property,

wherein the color filter is said color filter according to claim 9.

12. A liquid crystal display comprising a color filter, a liquid crystal layer, and a liquid crystal driving means between a pair of substrates, at least one of the substrates having a light-transmitting property,

wherein the liquid crystal driving means has active elements, and said black matrix according to claim 6 is formed between the active elements.

13. A liquid crystal display comprising a color filter, a liquid crystal layer, and a liquid crystal driving means between a pair of substrates, at least one of the substrates having a light-transmitting property,

wherein the liquid crystal driving means has active elements, and said black matrix according to claim 7 is formed between the active elements.

14. A method for producing a black matrix, comprising:

forming, on a light-transmitting substrate, a layer made of said colored composition for producing a black matrix according to claim 4;

exposing the layer through a photomask for the black matrix;

and

developing the layer.

15. A method for producing a black matrix, comprising:

laminating said photosensitive transfer material for producing a black matrix according to claim 5, which comprises a support and a photosensitive light-shielding layer, on a light-transmitting substrate such that the photosensitive light-shielding layer contacts the light-transmitting substrate;

removing the support from the laminate comprising the photosensitive transfer material and the light-transmitting substrate;

exposing the photosensitive light-shielding layer through a photomask for the black matrix; and

developing the photosensitive light-shielding layer.

16. A black matrix substrate comprising a light-transmitting substrate and a light-shielding layer provided on the light-transmitting substrate,

wherein the light-shielding layer is a layer in which silver microparticles having an average particle diameter of 60 to 250 nm are dispersed.